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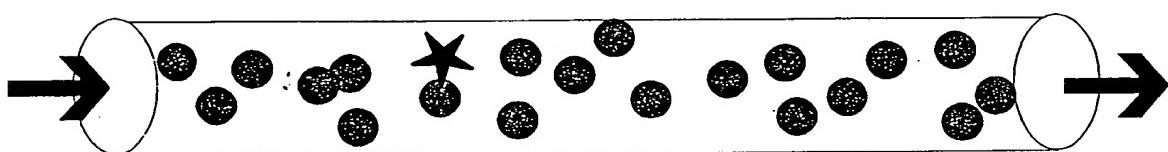
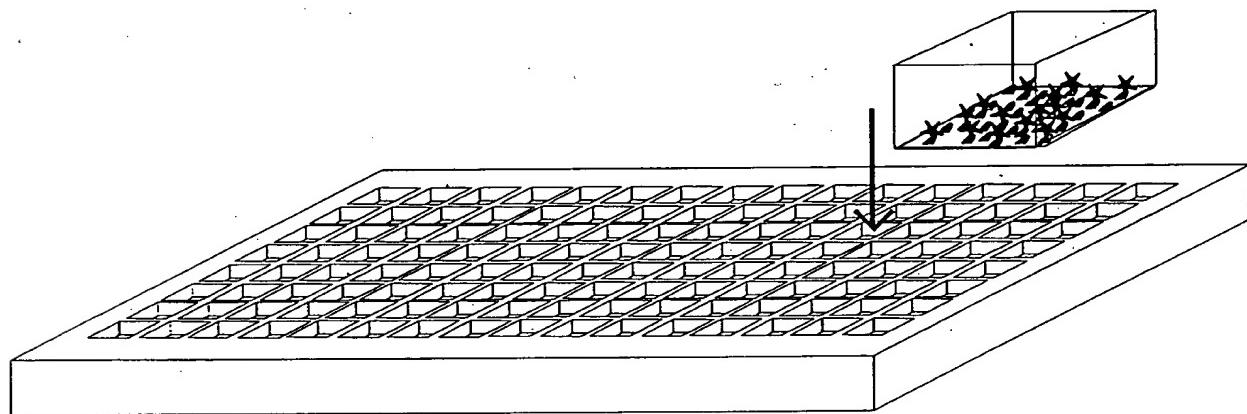
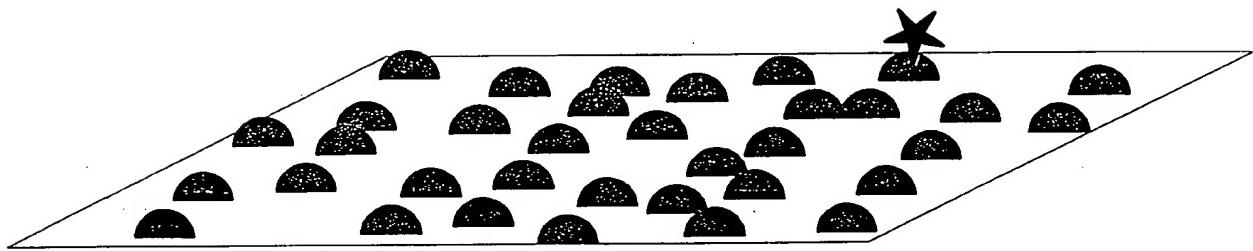
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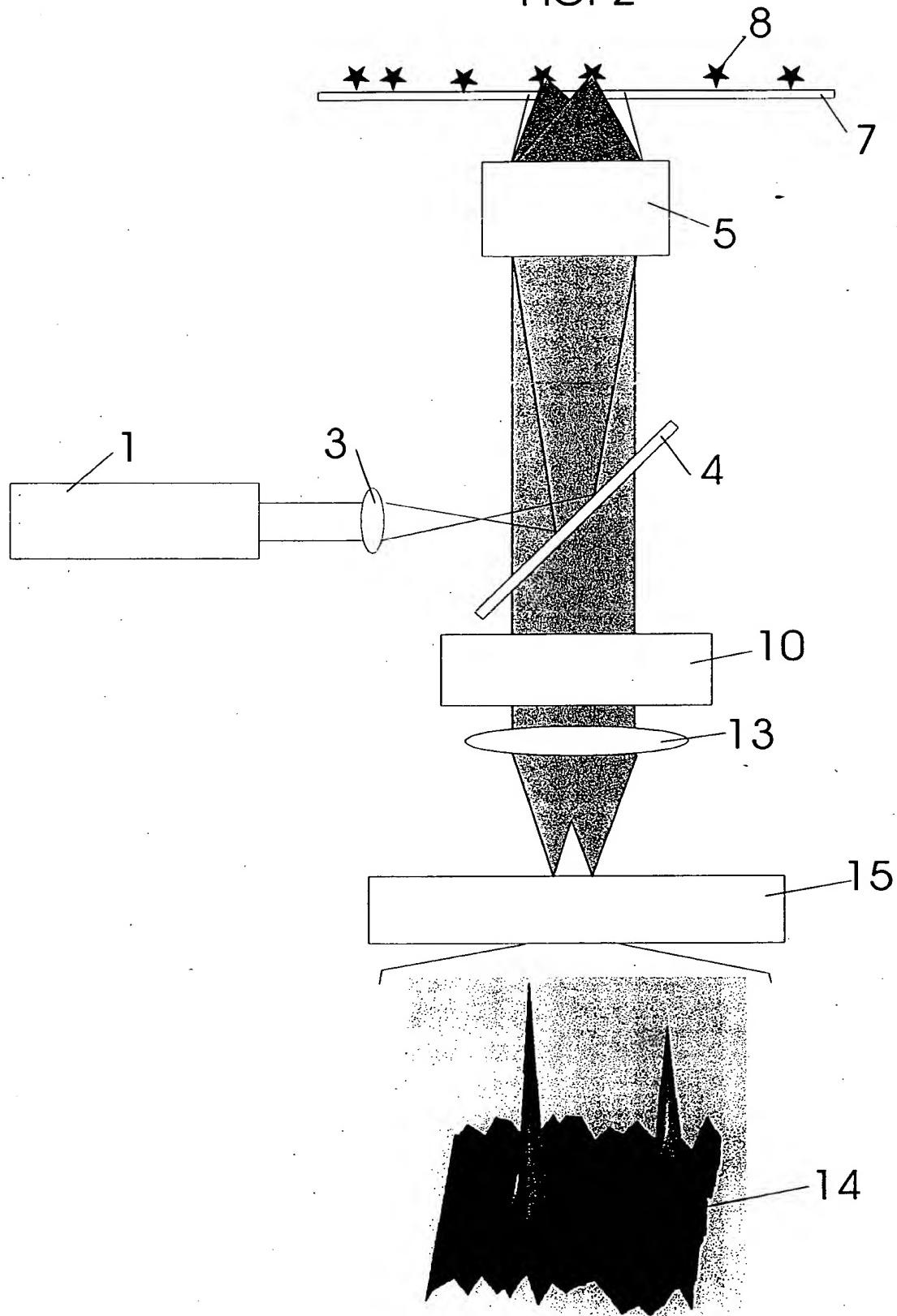
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FIG. 1



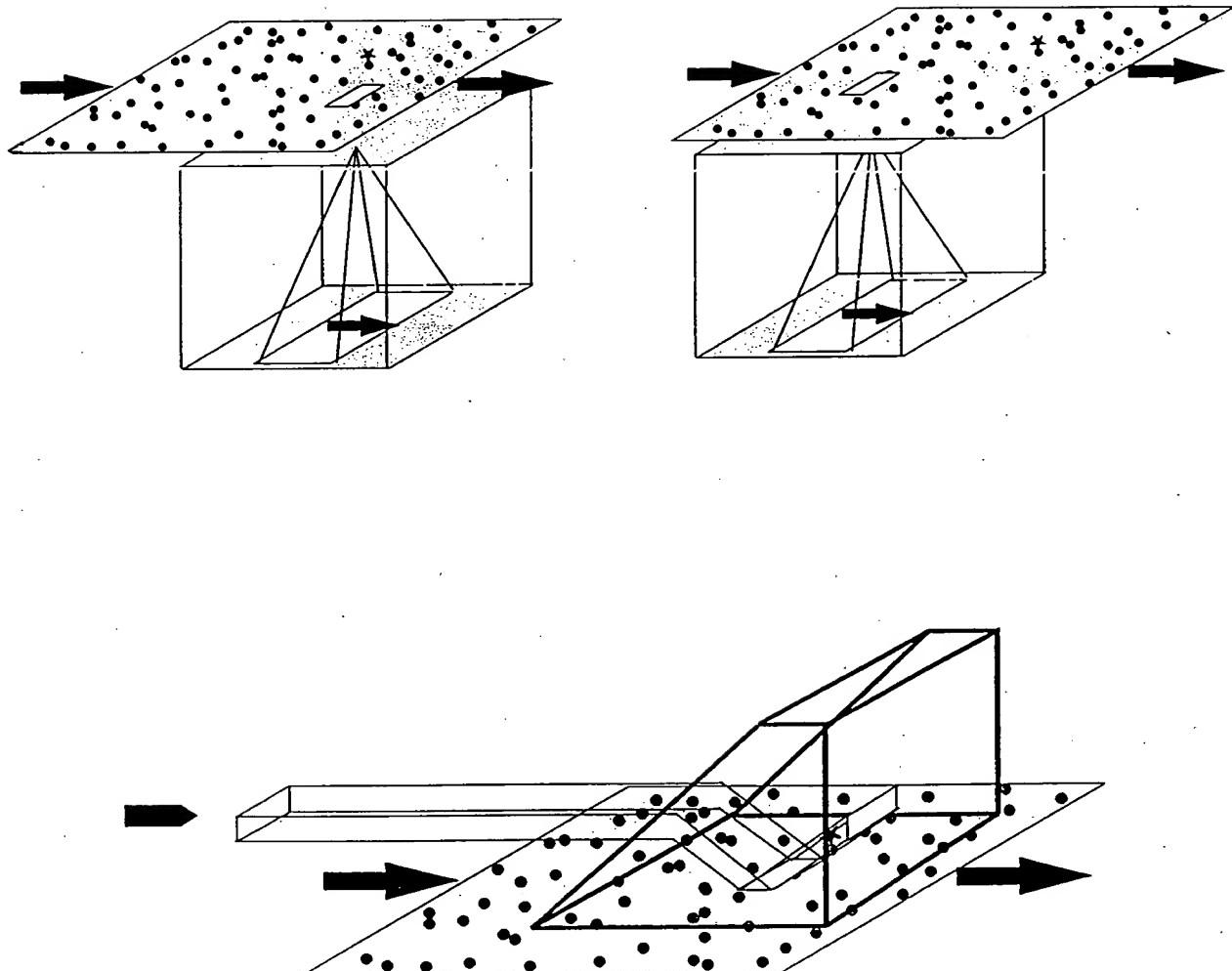
0 9 8 4 5 0 0 6 " 0 4 7 2 9 0 7

FIG. 2



0 9 8 4 5 0 0 6 " 6 4 3 2 0

FIG. 3



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FIG. 4

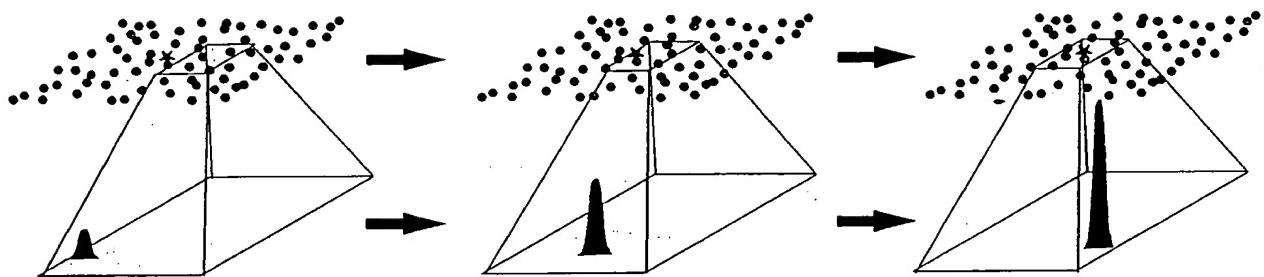
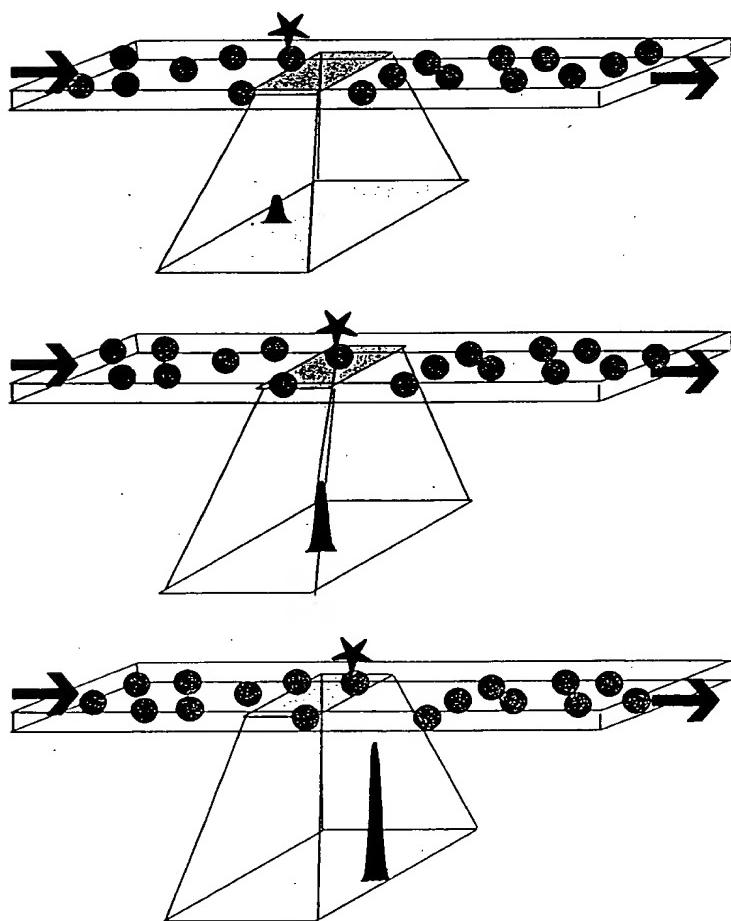
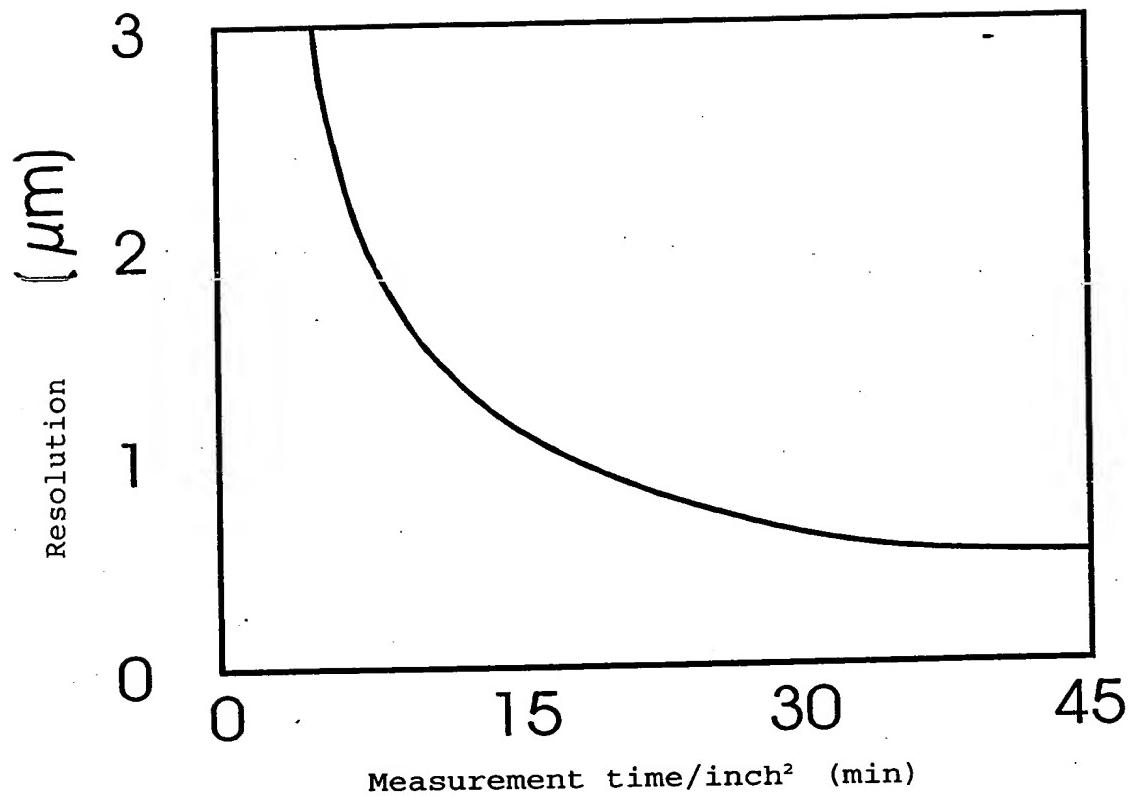


FIG. 5



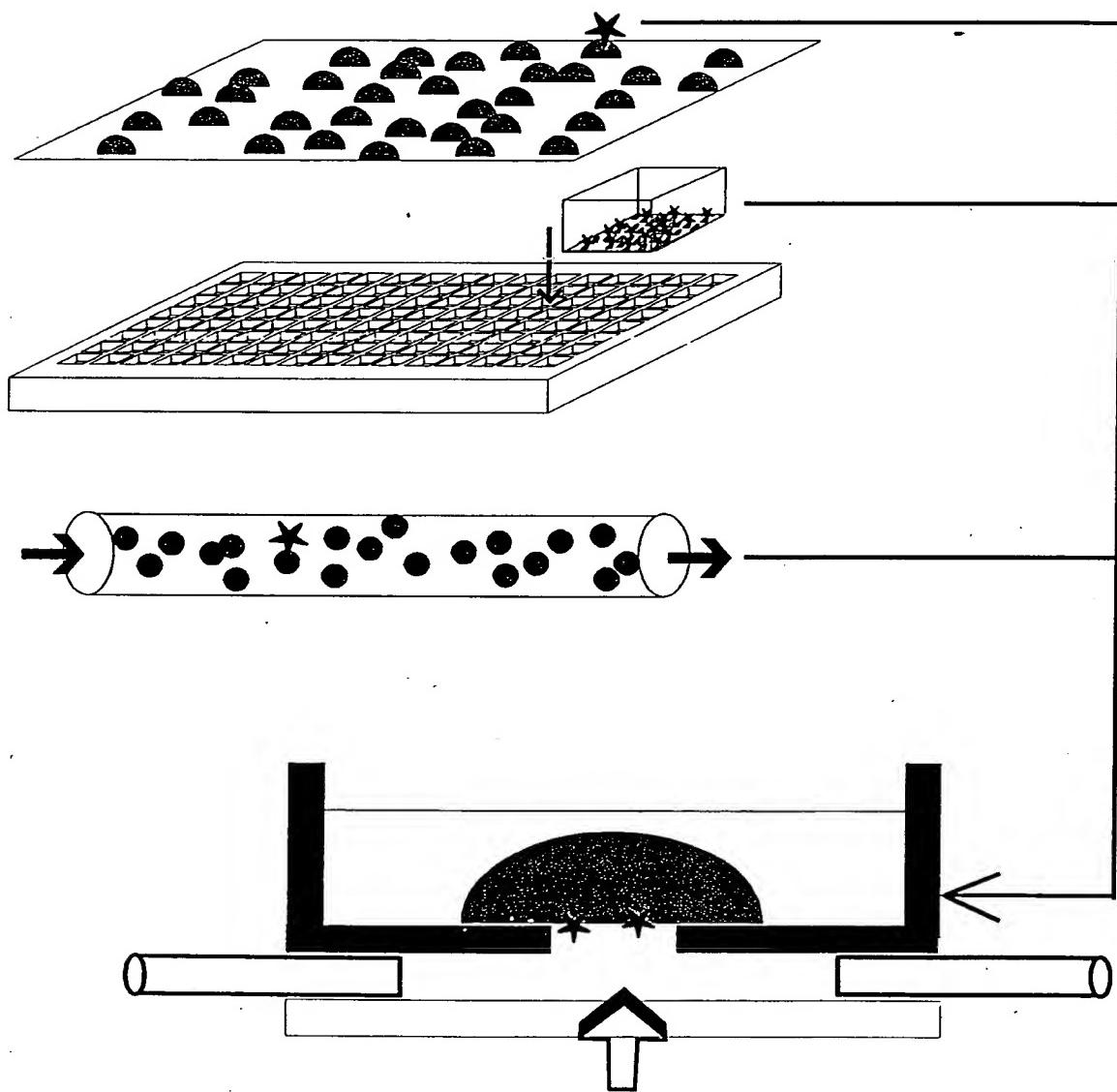
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FIG. 6



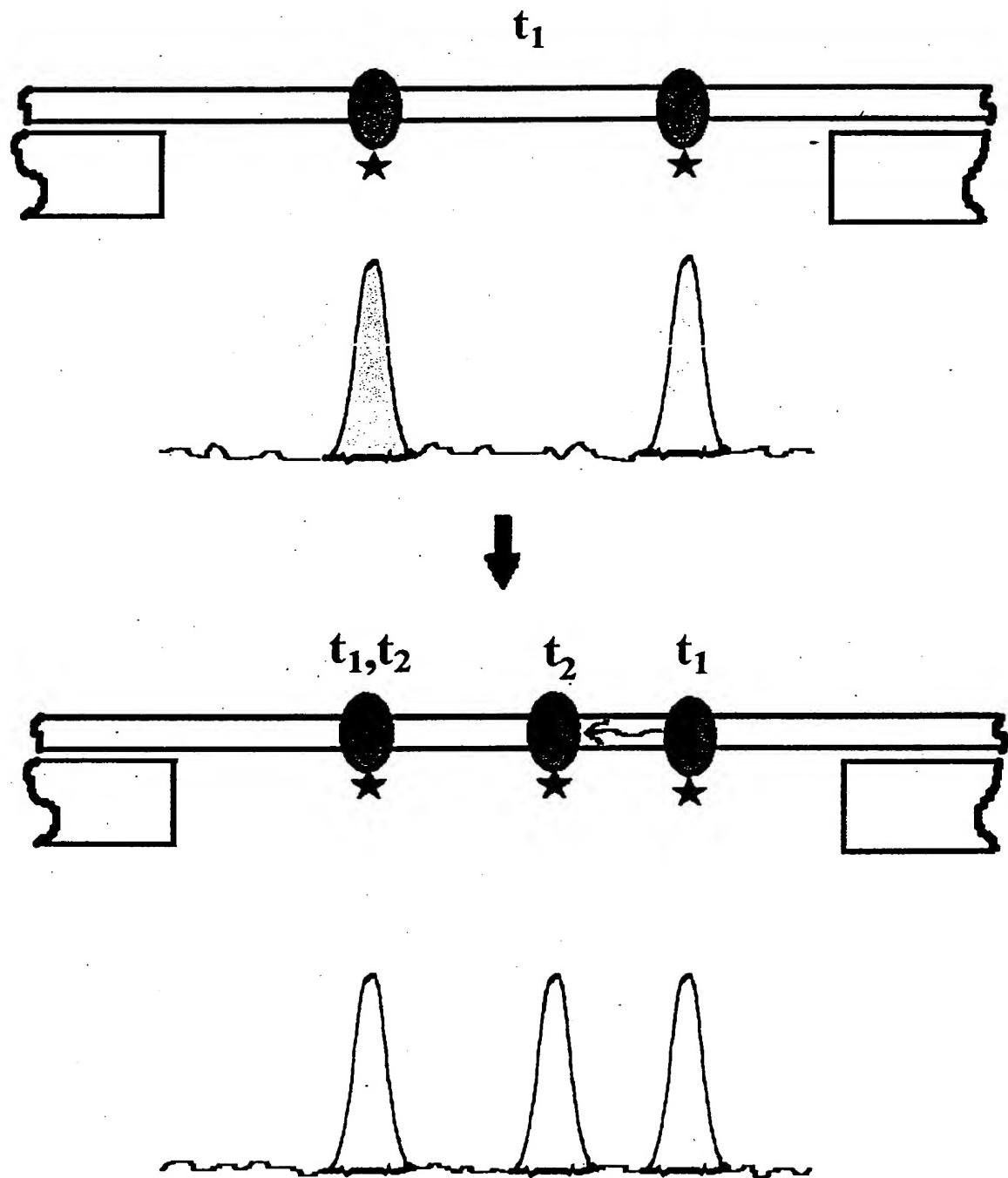
for typical characteristics of CCD cameras (cooled with liquid  $\text{N}_2$ ): 1300  $\times$  1340 pixels (250  $\times$  250  $\mu\text{m}$ ) line shift rate 300 KHz, read-out rate 1 MHz, read-out noise ~7 counts per pixel, dark noise ~0. Objective with 40-fold magnification, illuminated area = area pixel array/40  $\times$  40 = 400  $\mu\text{m}$   $\times$  100  $\mu\text{m}$ ; light intensity maintained at 250 counts per fluorophore

FIG. 7



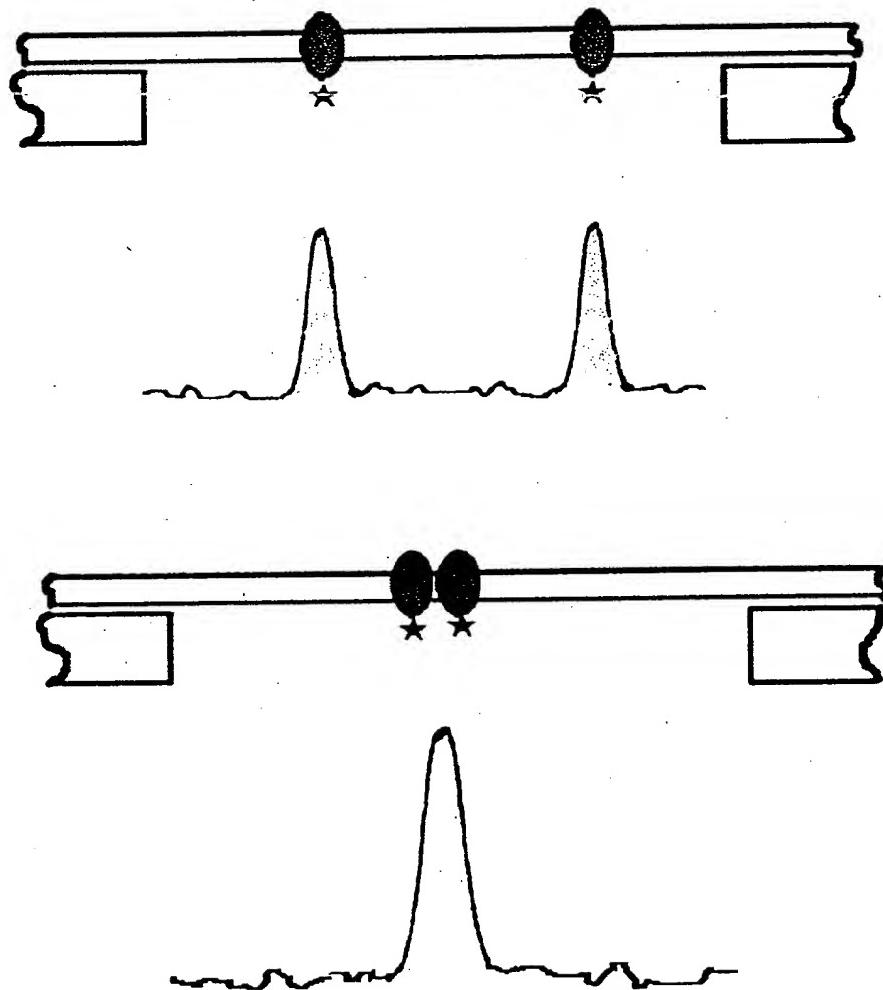
0 9 6 4 5 6 6 6 6 = C 6 6 6 6 6 6 6 6

FIG. 8



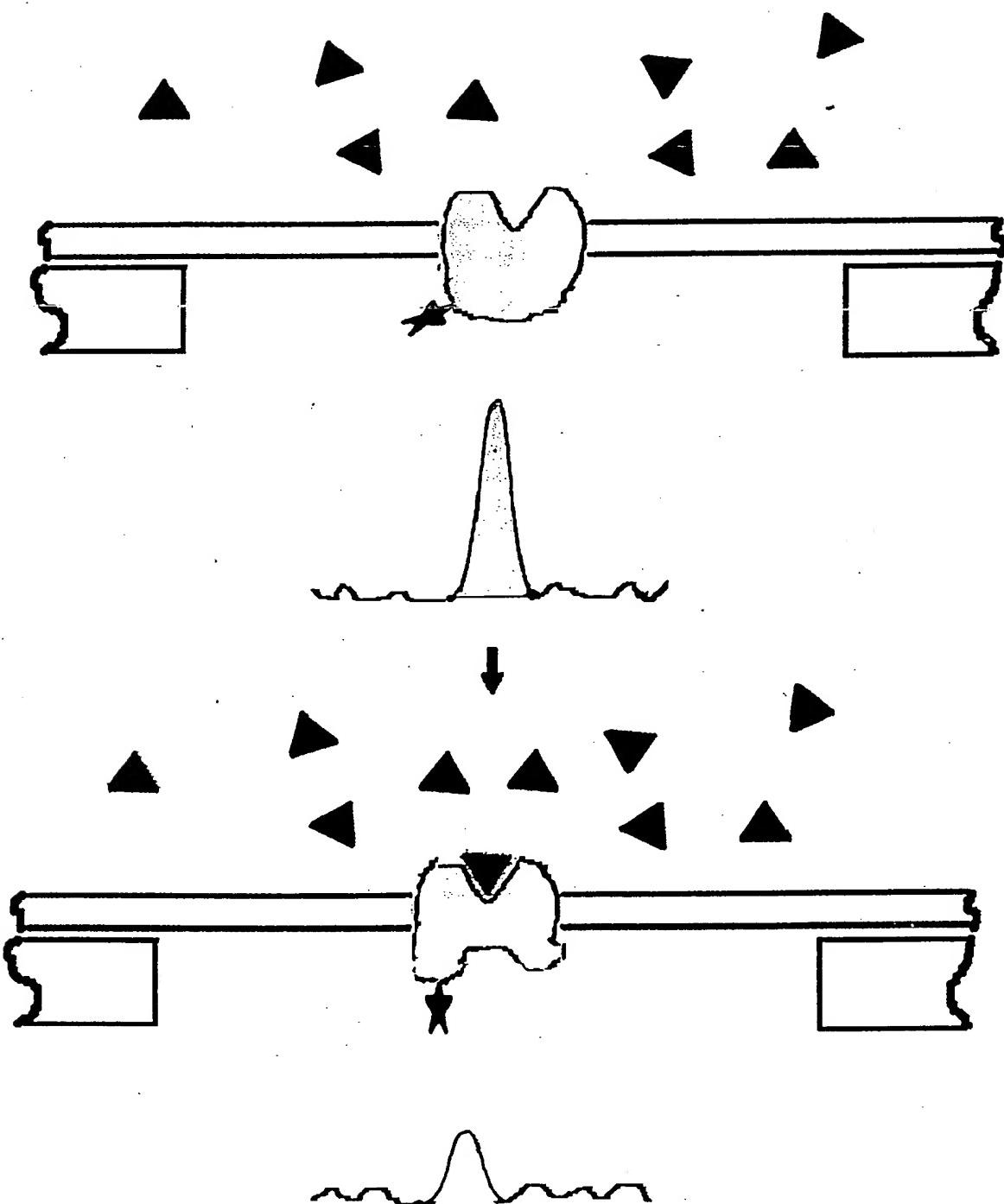
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FIG. 9



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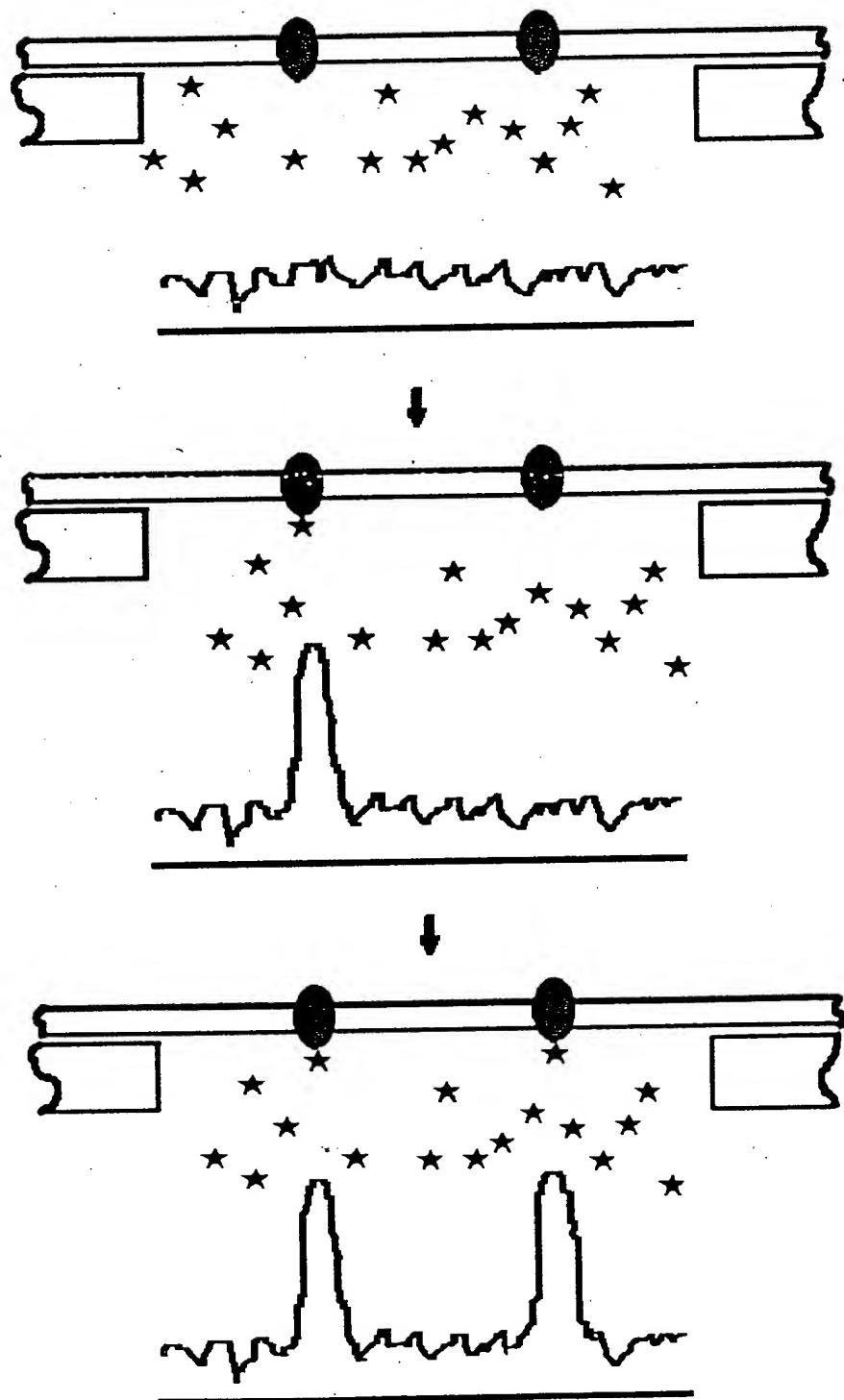
FIG.10



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FIG. 11



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FIG. 12

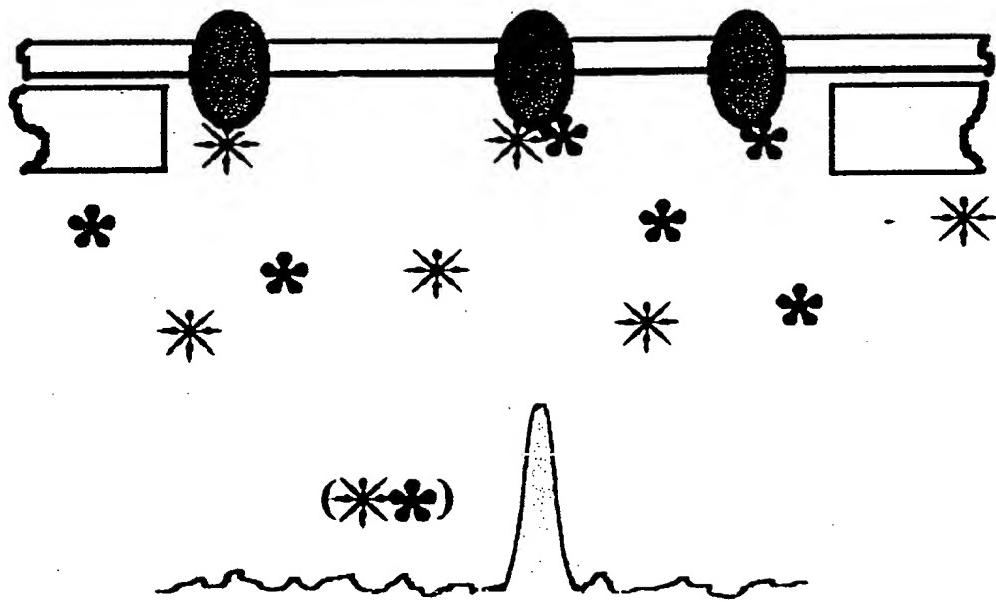
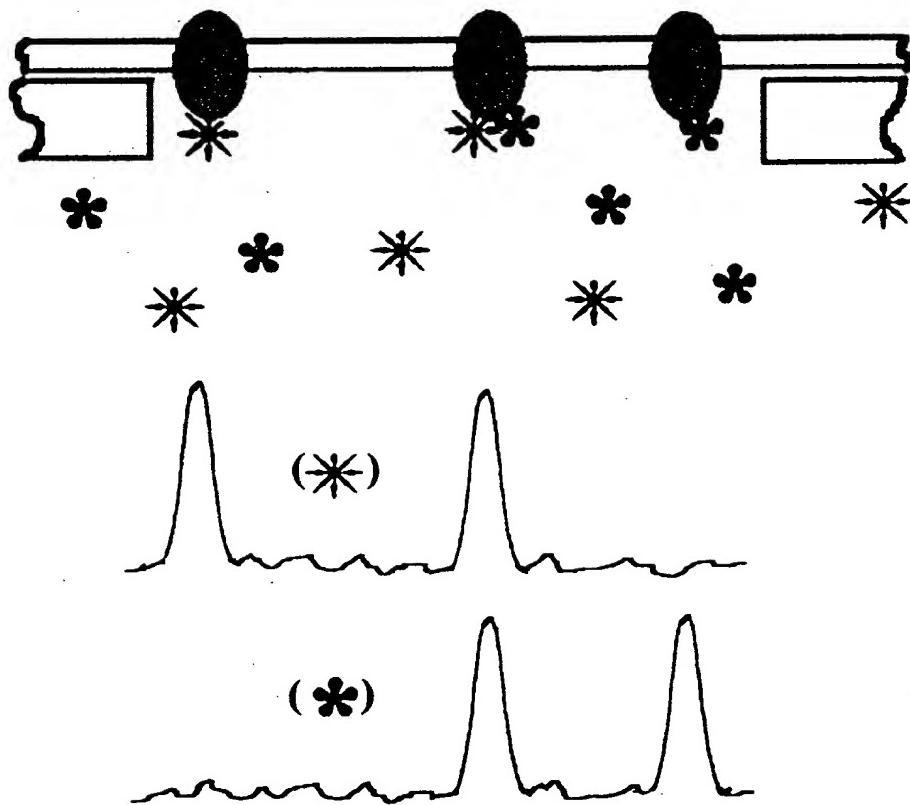
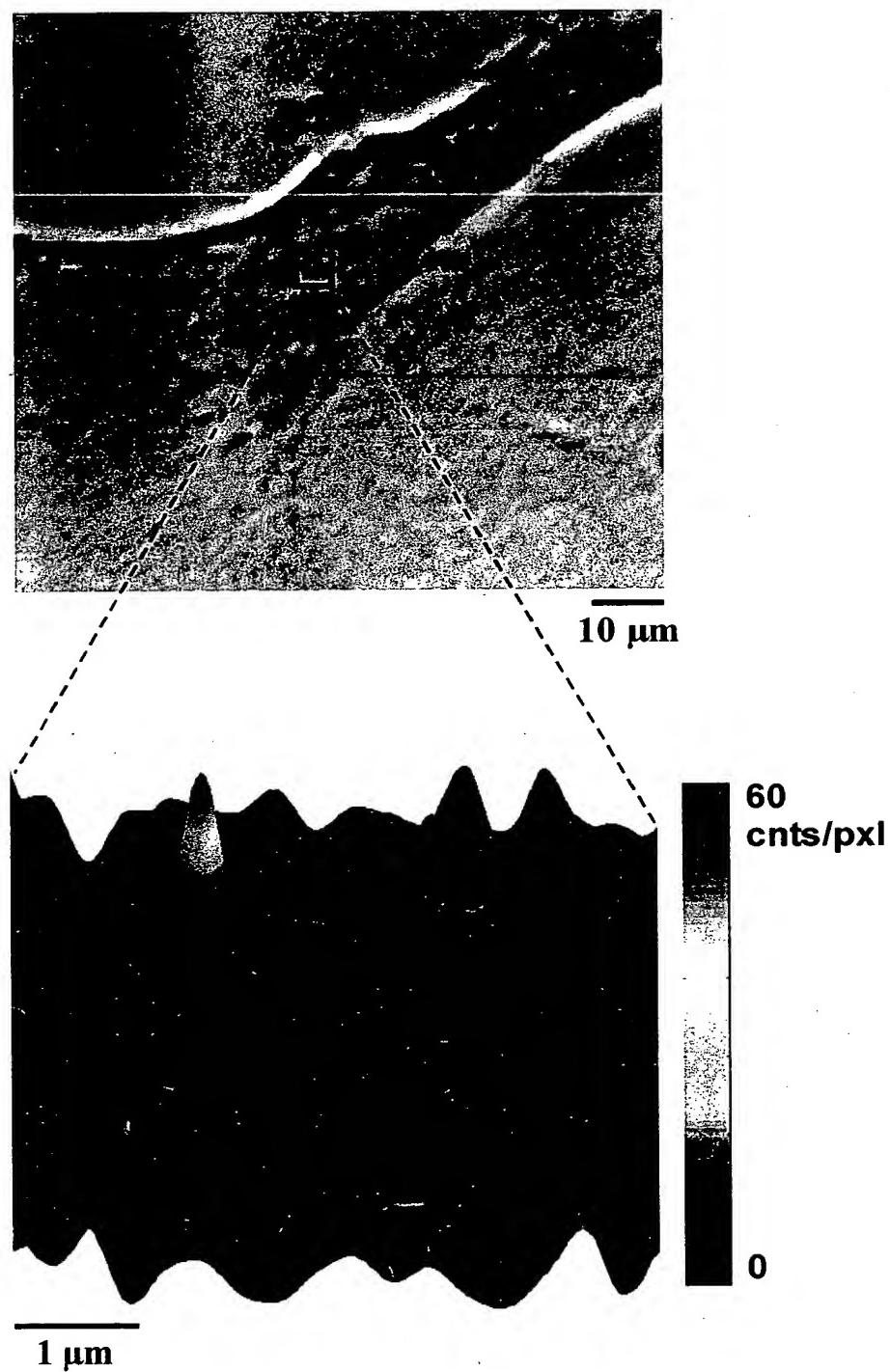


FIG. 13



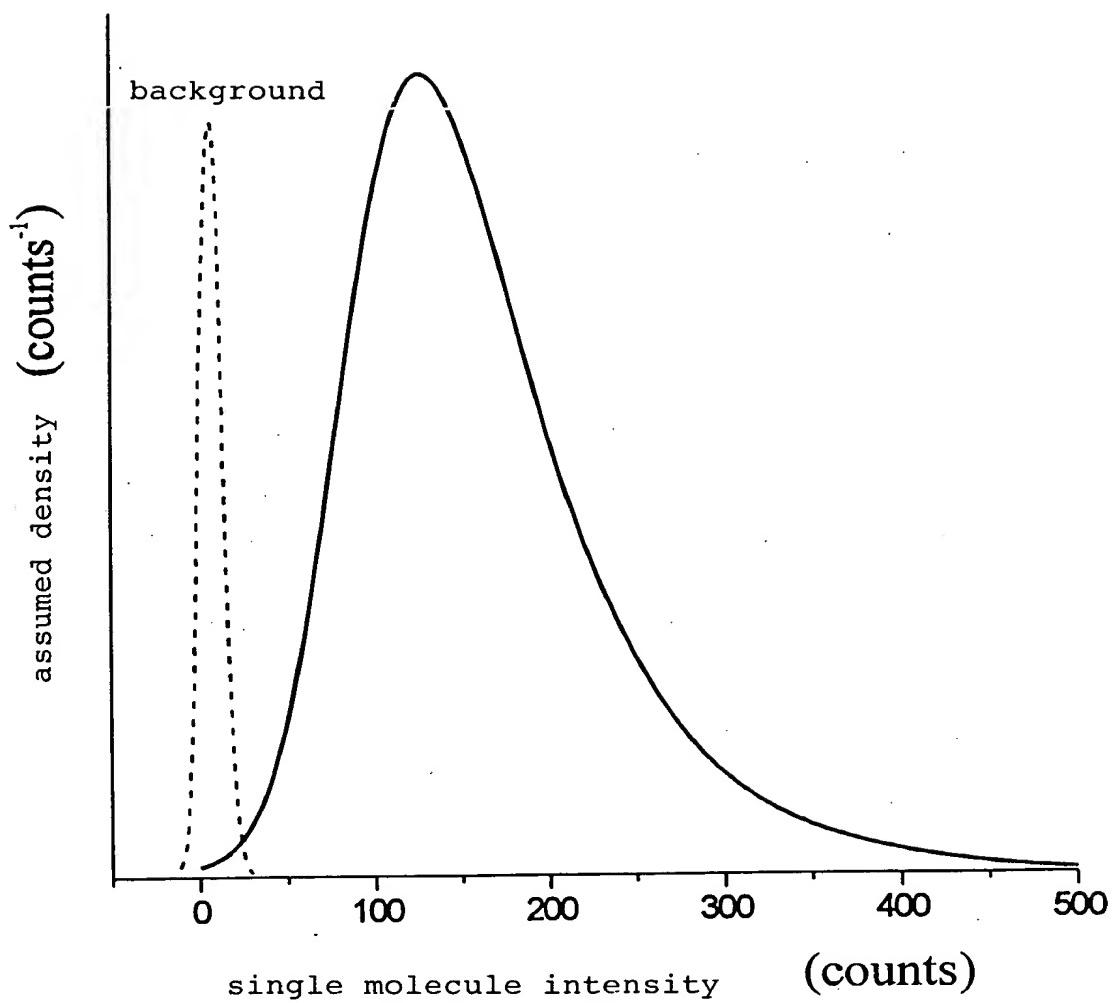
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Fig.14



0 9 6 4 5 0 0 6 4 0 4 2 3 0 4

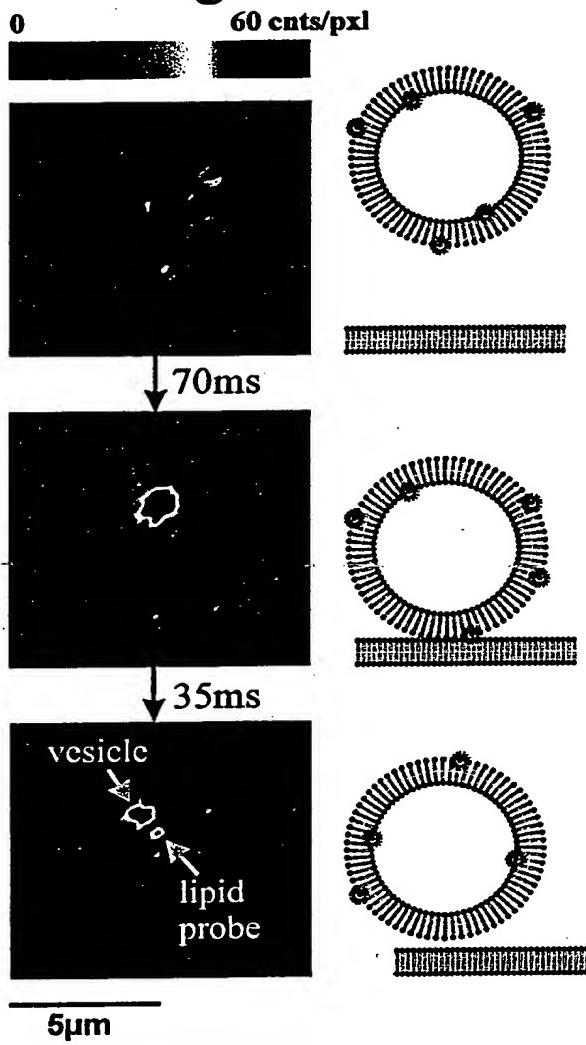
Fig.15



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Fig. 16



5 $\mu$ m

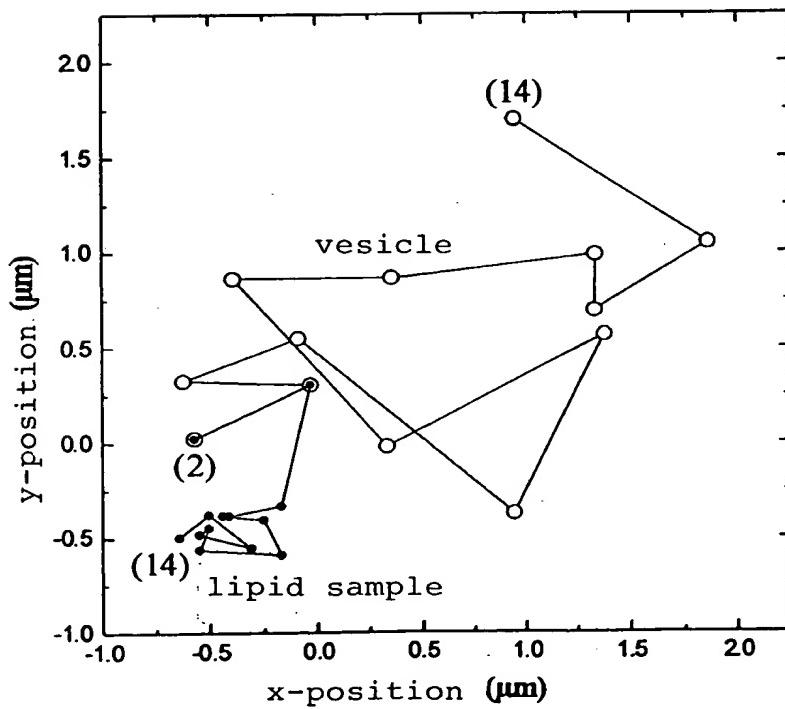


Fig. 17

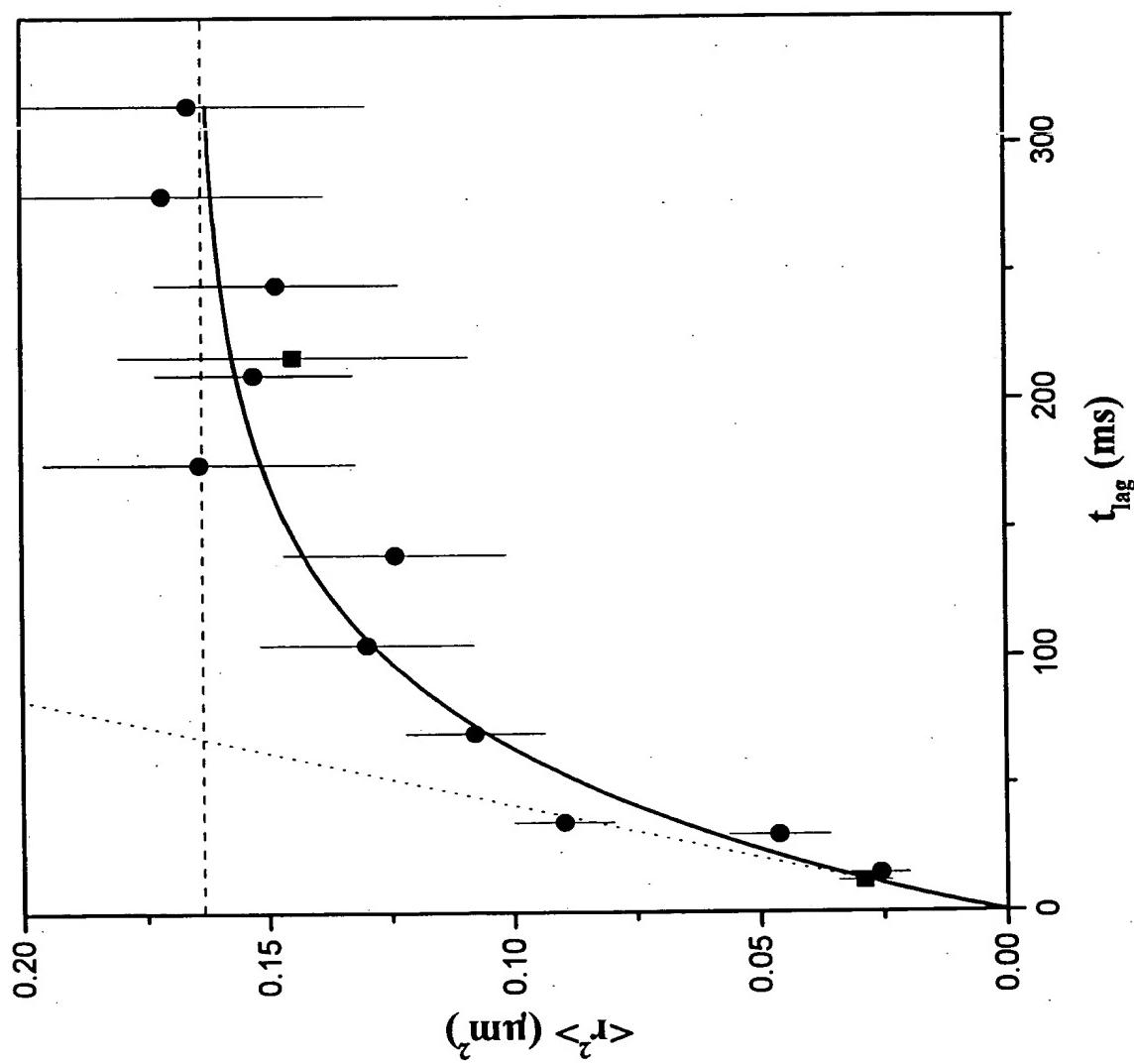
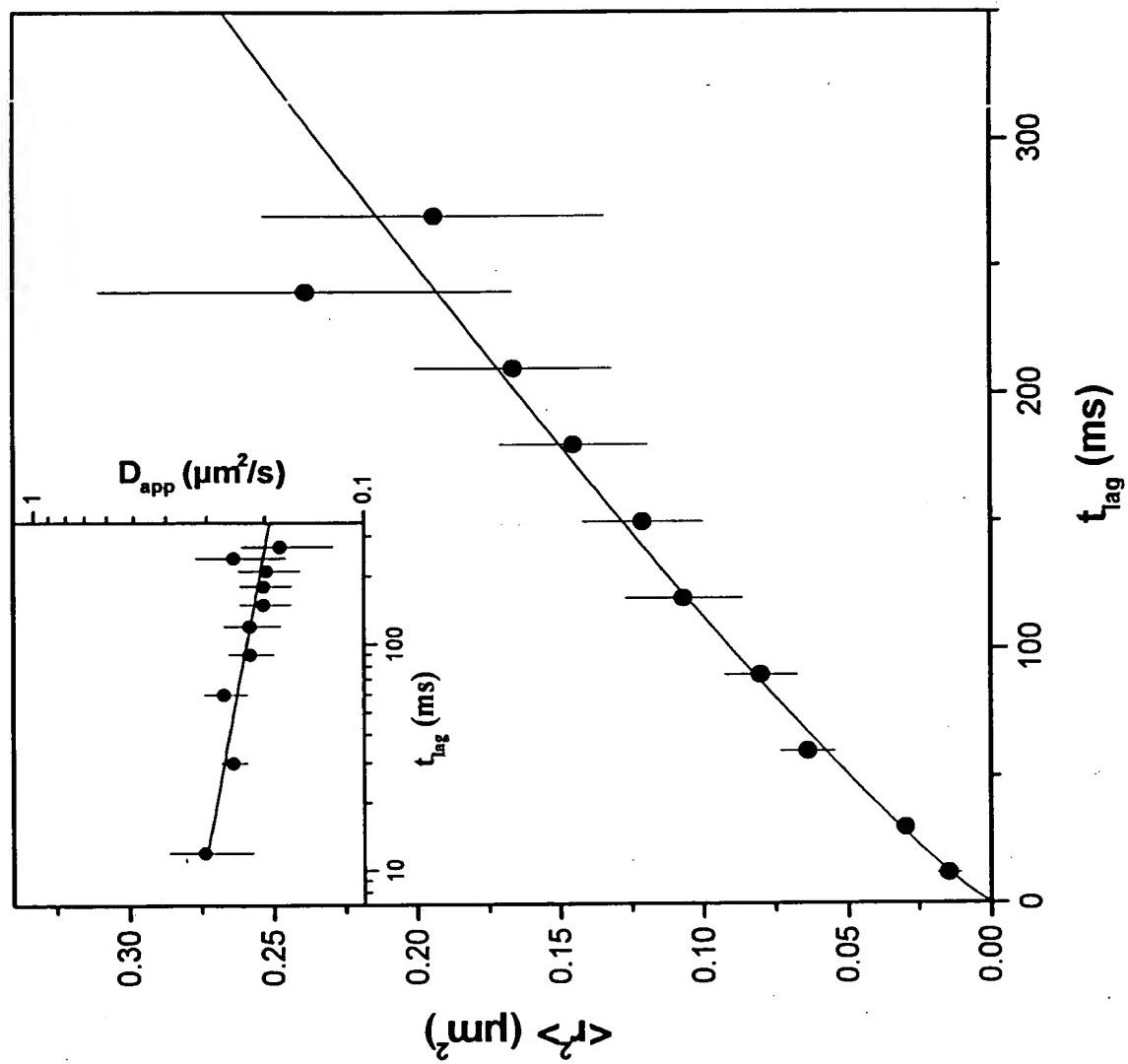
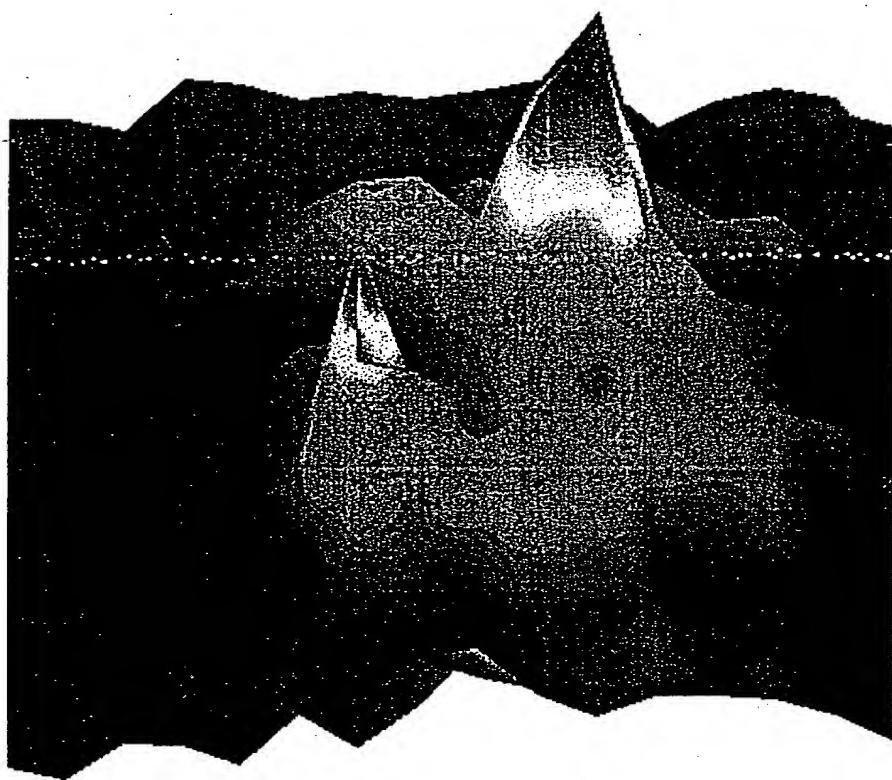


Fig. 18

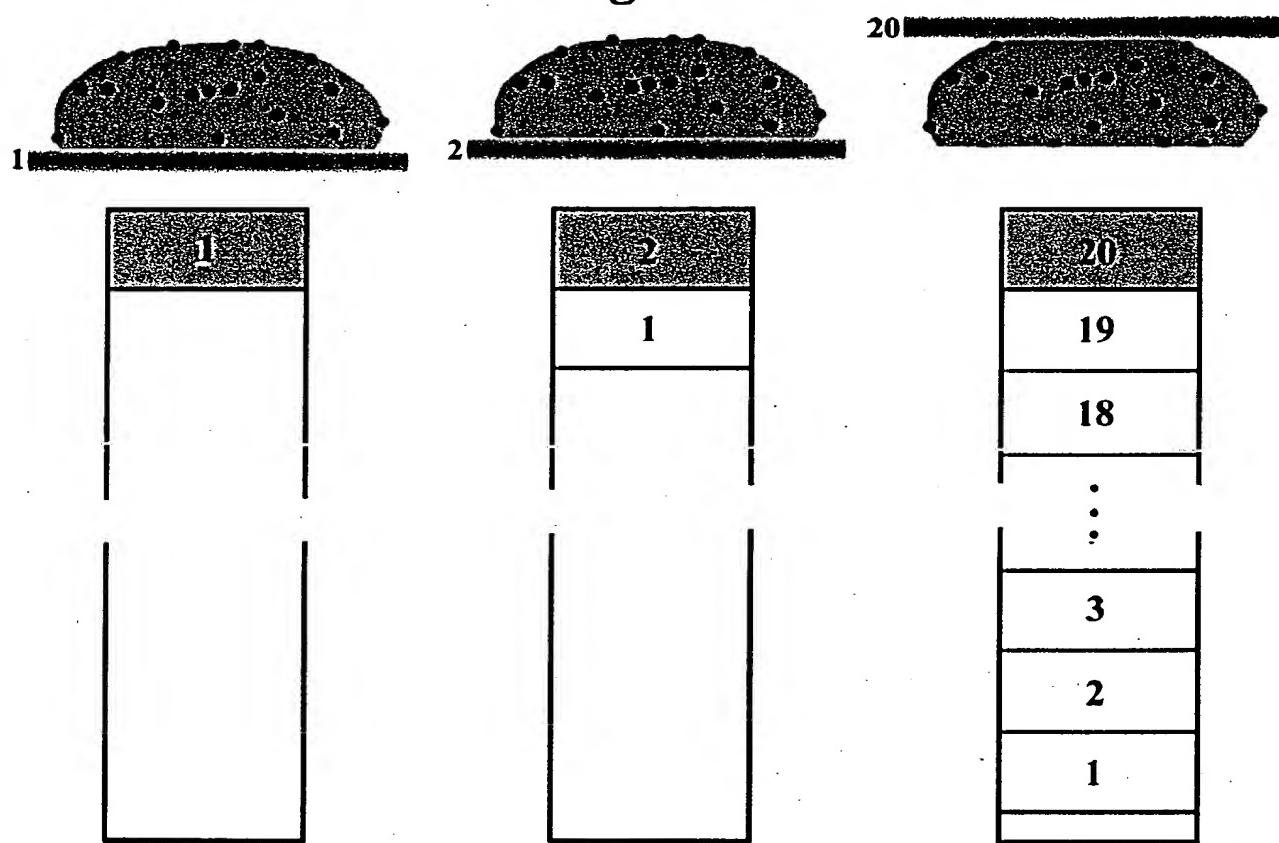
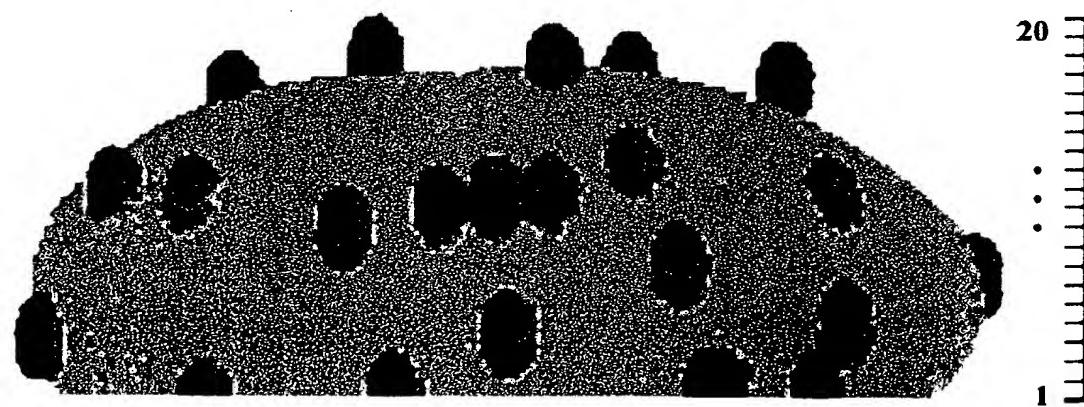


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FIG. 19



1 μm

**Fig. 20A****Fig. 20B**

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FIG. 20C

05845066 " 042304

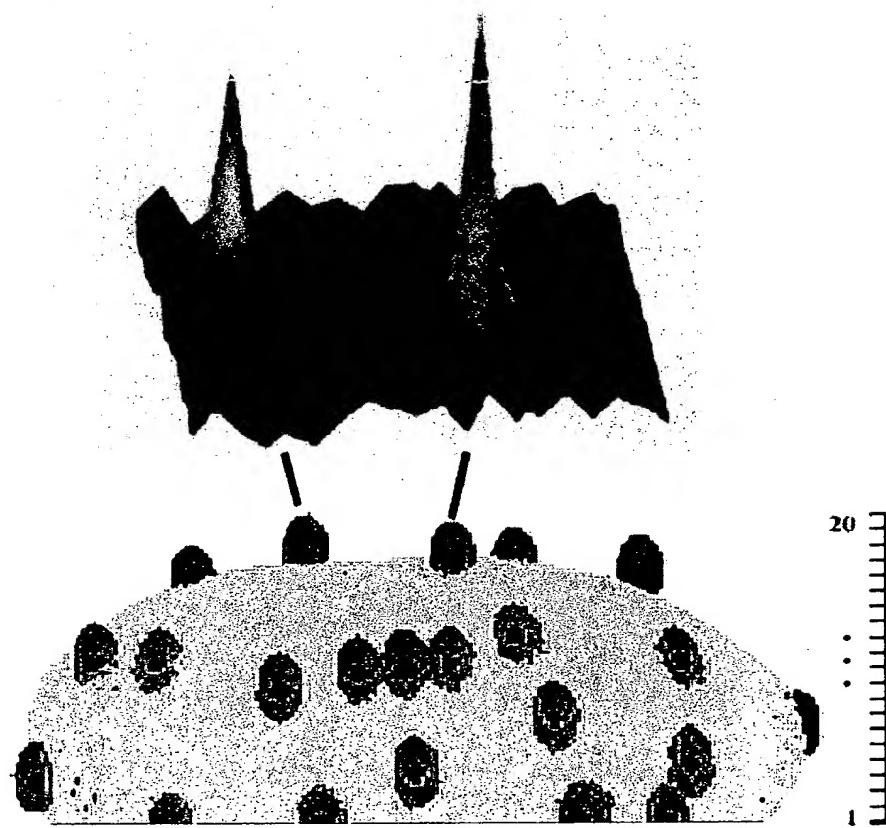


FIG. 21

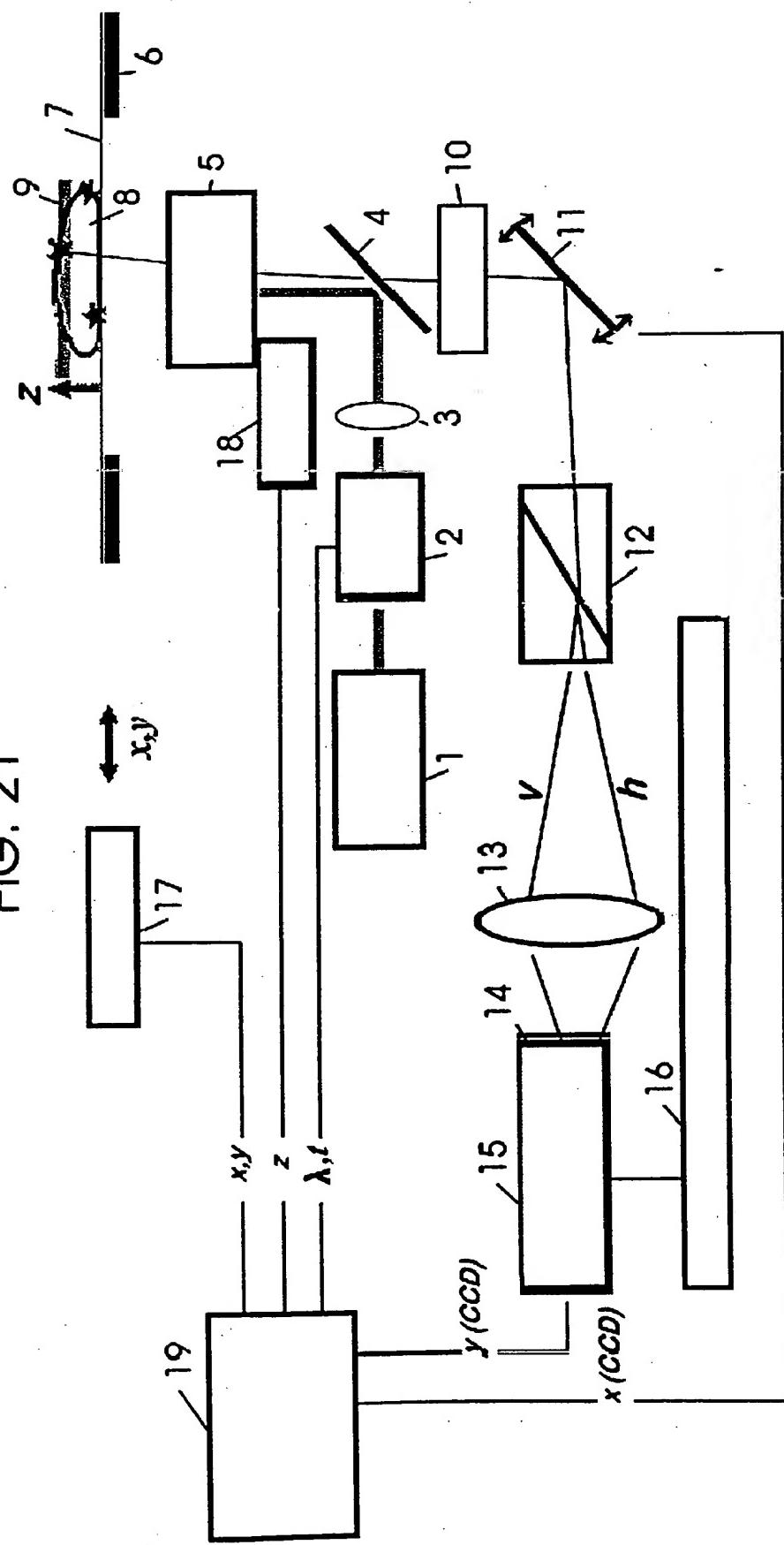


FIG. 22

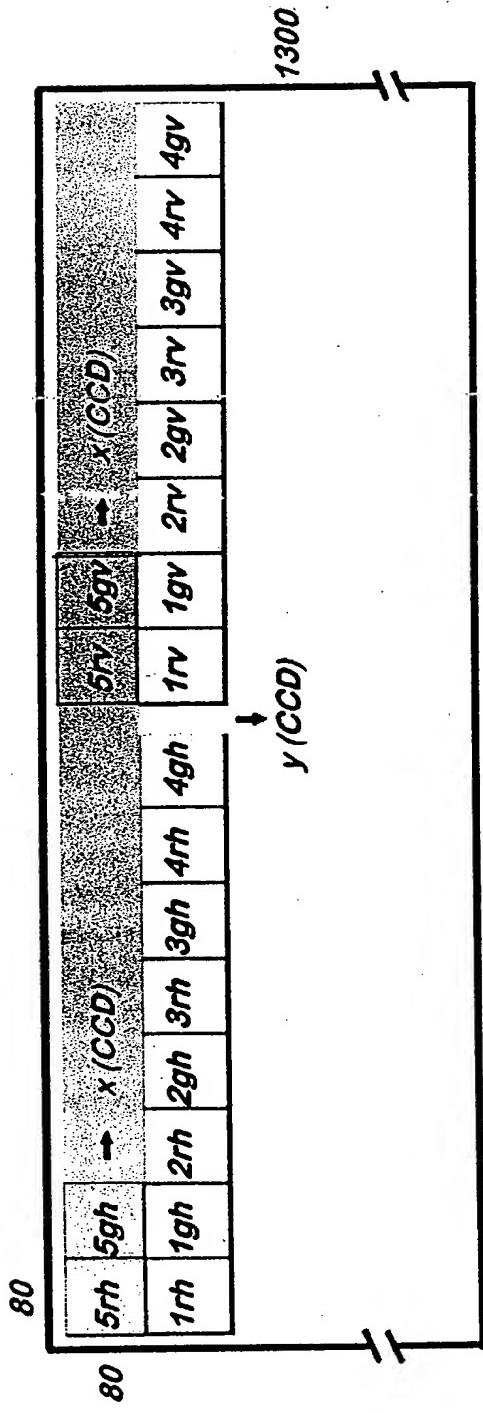


FIG. 23

